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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete If Known</b>			
		Application Number	10/541,601		
		Filing Date	July 7, 2005		
		First Named Inventor	Takuma SAWATANI		
		Art Unit	N/A		
		Examiner Name	Not Yet Assigned		
Sheet	1	of		Attorney Docket Number	0020-5397PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code² (if known)			
ca	AA*	US-6,677,898-B2	01-13-2004	Cheng et al.	
ca	AB*	US-6,407,719-B1	06-18-2002	Ohira et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T³
		Country Code²-Number⁴-Kind Code⁵ (if known)	MM-DD-YYYY			
ca	BA	JP-2002118414-A	04-19-2004			✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. †CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. ‡Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
ce	CA	Ohira et al., 2000 IEEE International Conf. on Phased Array System & Technology, pp. 101-104, Dana Point, CA., May 21-25, 2000.		
ce	CB	Ohira, Technical Report of the Institute of Electronics, Information and Communication Engineers in Japan, IEICE, AP2001-16, SAT2001-3, pp. 15-20, May 2001.		
ce	CC	Ayoma et al., Proceedings of General Conference of IEICE, B-5-224, p. 695, March 27-30, 2002 together with English translation thereof.		
ca	CD	Ohira et al., Technical Report of IEICE, AP2000-44, pp. 7-14, July 2000.		
ce	CE	Murase et al., IEEE Transactions on Vehicular Technology, Vol. 43, No. 3, pp. 537-541, August 1994.		
ce	CF	Arai, H., Sougou Denshi Shuppansha, 1st Ed., April 9, 1996, pp. 151-155 together with a partial English translation thereof.		
ce	CG	Rustako, Jr. et al., IEEE Transactions on Communications, Vol. COM-21, No. 11, pp. 1257-1268, November 1973.		
ca	CH	Afrashteh et al., Conference Record of Globecom '88 Hollywood, pp. 810-814, November 1988.		
ca	CI	Akaiwa, Y., Proceeding of 39th IEEE Vehicle Technology Conf., pp. 470-473, 1989.		
ce	CJ	Proakis, J.G., Digital Communications, 3rd Ed., pp. 274-277, McGraw-Hill, New York, 1995.		
ce	CK	Taromaru et al., Technical Report of IEICE, RCS2002-179, pp. 43-48, October 2002.		
ca	CL	Ohira et al., Technical Report of IEICE, AP2002-93, pp. 13-18, October 2002.		
ca	CM	Partial English translation of Enoki et al., Proceedings of General Conference of The Electronics, Information and Communications Engineers in Japan, March 2000.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Signature	<i>Shih-thao Chen</i>	Date Considered	9/24/07
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